

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033654.D
 Acq On : 7 Apr 2018 7:24
 Operator : SJ/JU
 Sample : J2226-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 01:59:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

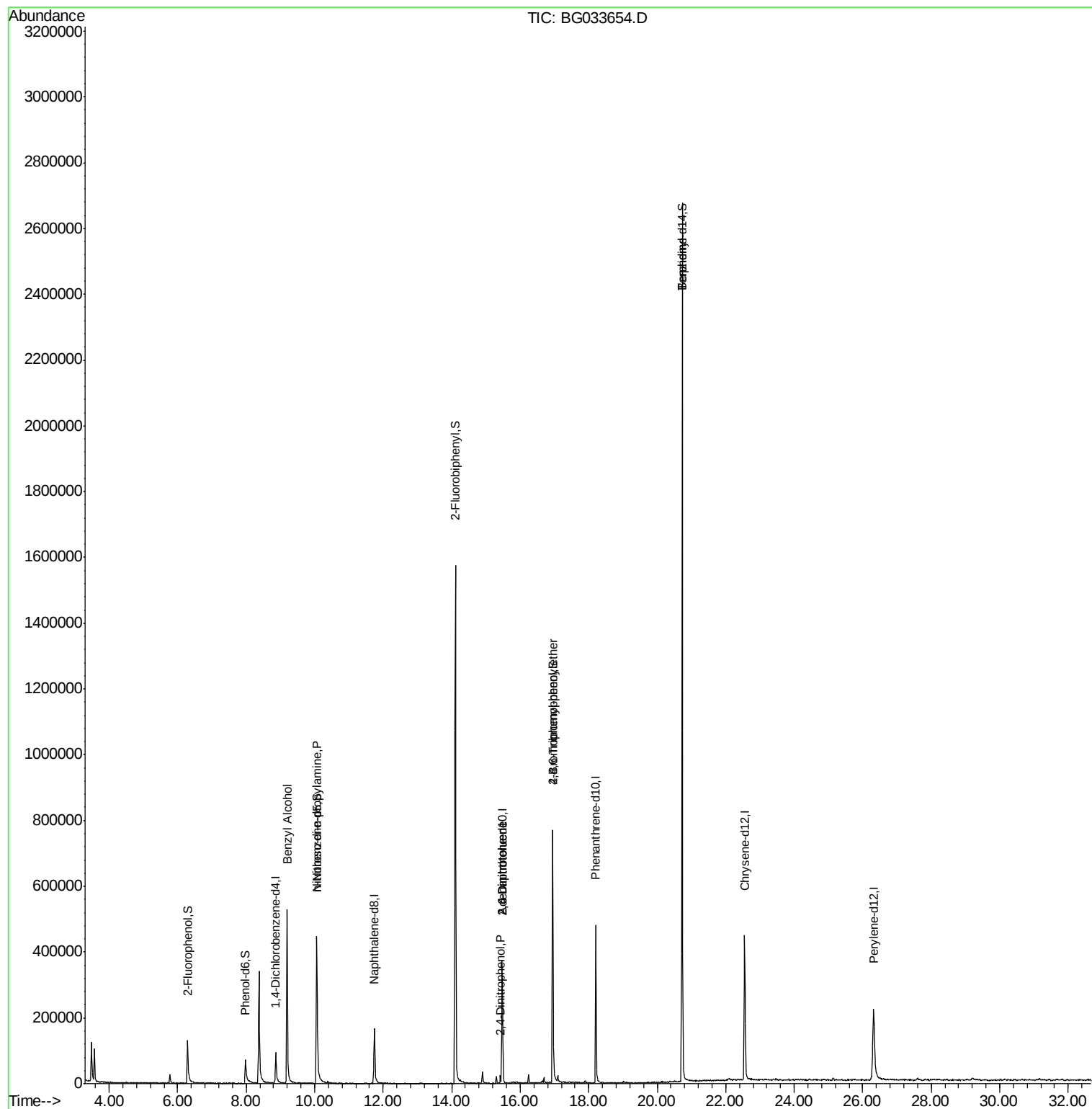
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36351	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	179344	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	142020	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334931	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342161	20.00	ng	0.00
86) Perylene-d12	26.32	264	341120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73790	38.06	ng	0.00
7) Phenol-d6	7.97	99	69869	20.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	340312	87.18	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	157327	74.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	901978	91.69	ng	0.00
78) Terphenyl-d14	20.73	244	1326054	82.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5666	2.161	ng	# 61
19) n-Nitroso-di-n-propylamine	10.06	70	46506	19.054	ng	# 75
50) 2,6-Dinitrotoluene	15.47	165	17265	6.832	ng	# 18
53) 2,4-Dinitrophenol	15.40	184	54	7.680	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	17265	4.640	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13114	3.334	ng	# 1
76) Benizidine	20.73	184	22551	2.430	ng	# 91

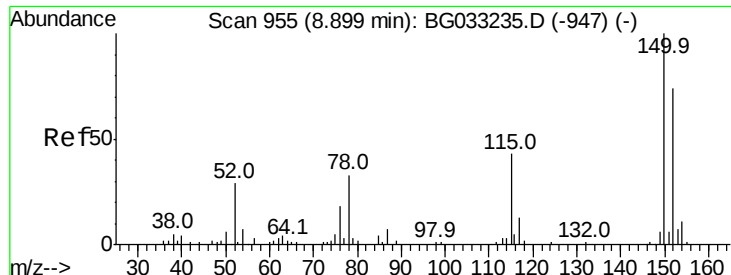
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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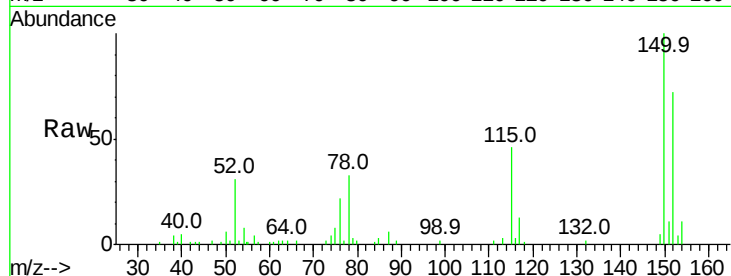


#1

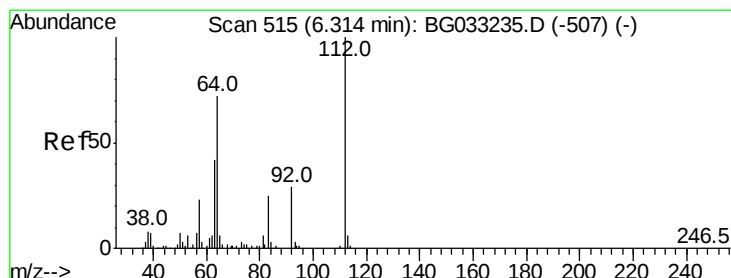
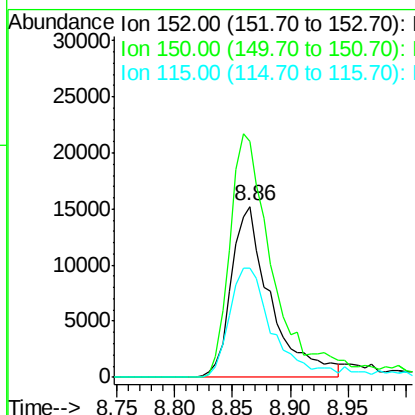
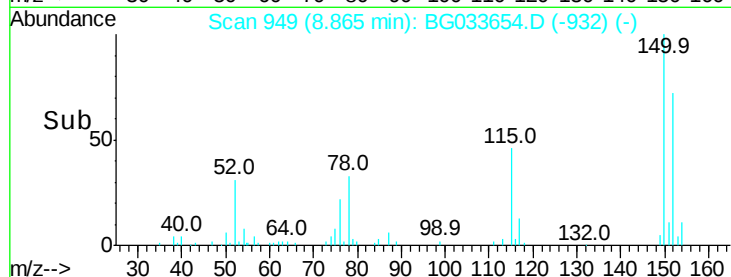
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36351
Ion Ratio Lower Upper
152 100
150 138.2 126.6 189.8
115 64.1 53.0 79.4



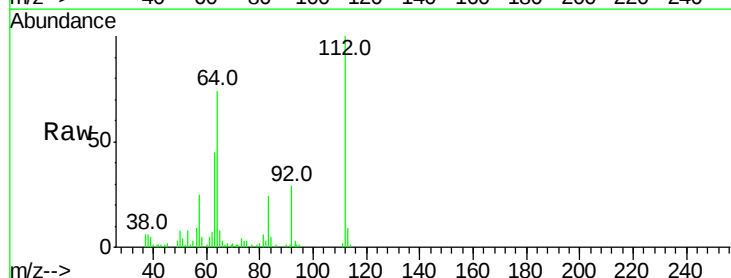
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



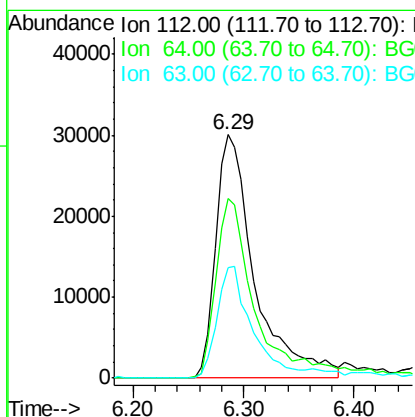
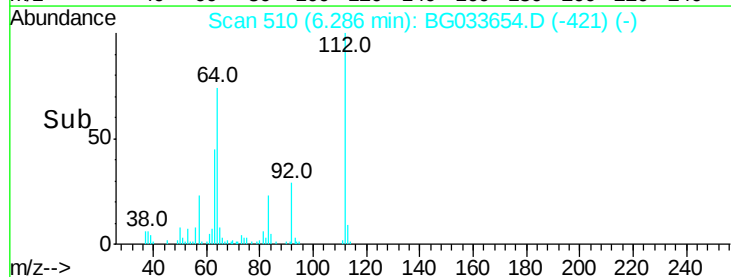
#5

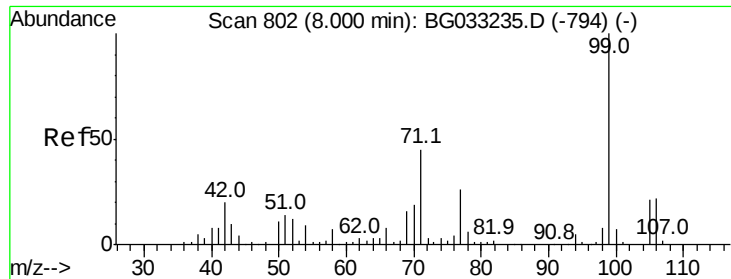
2-Fluorophenol
Concen: 38.064 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:112 Resp: 73790
Ion Ratio Lower Upper
112 100
64 73.6 56.3 84.5
63 45.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 20.976 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

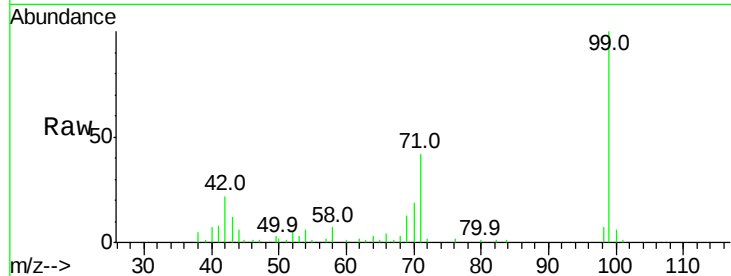
Tot Ion: 99 Resp: 69869

Ion Ratio Lower Upper

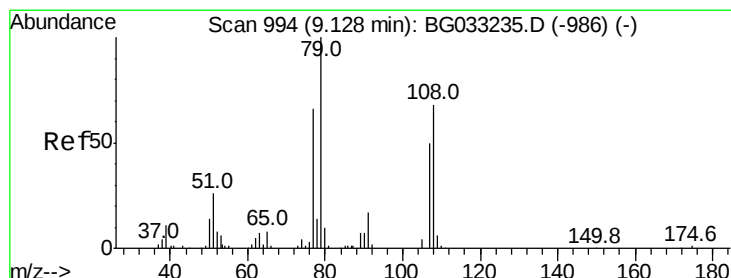
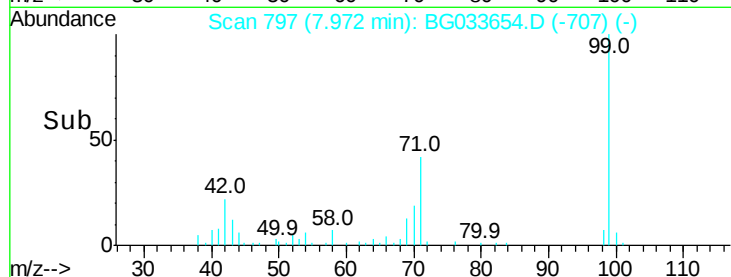
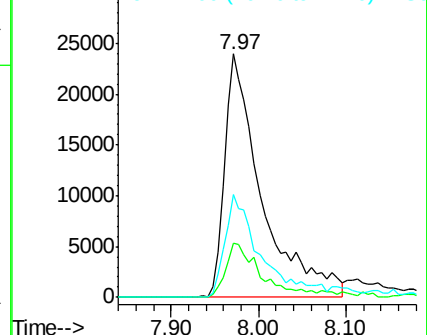
99 100

42 22.3 14.1 21.1#

71 42.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.161 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

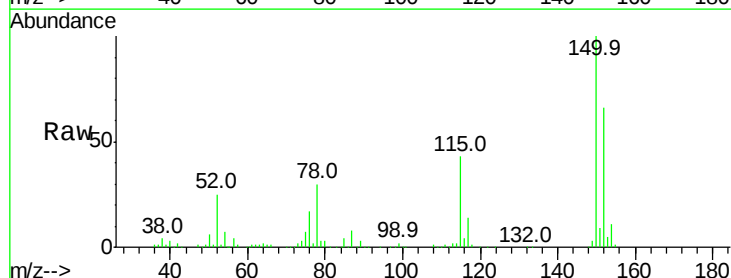
Tgt Ion: 79 Resp: 5666

Ion Ratio Lower Upper

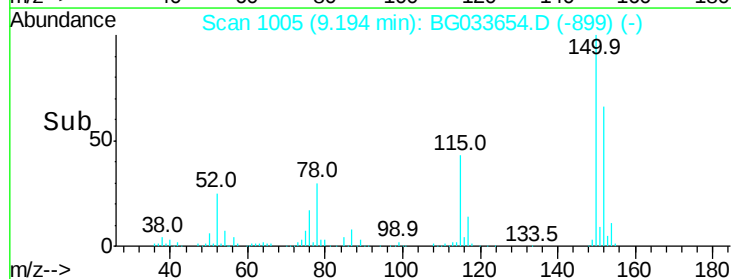
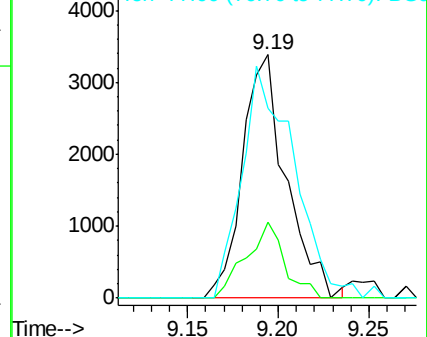
79 100

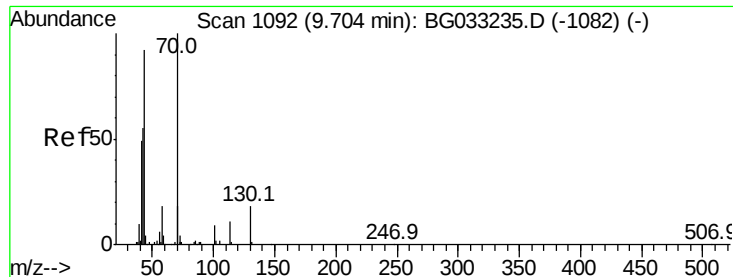
108 31.2 57.2 85.8#

77 78.0 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

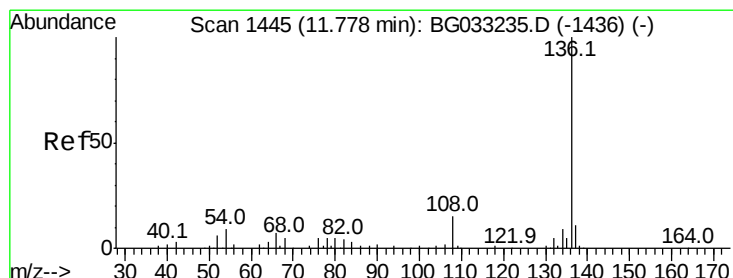
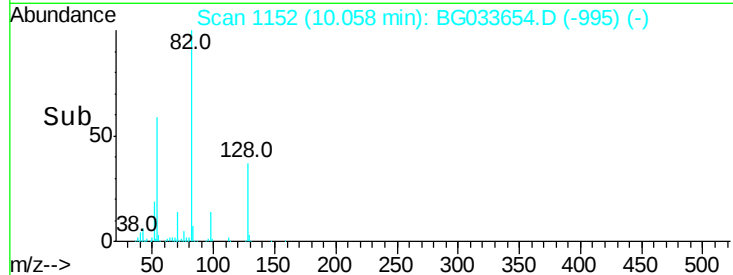
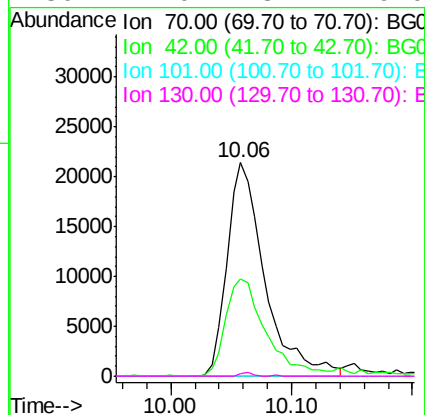
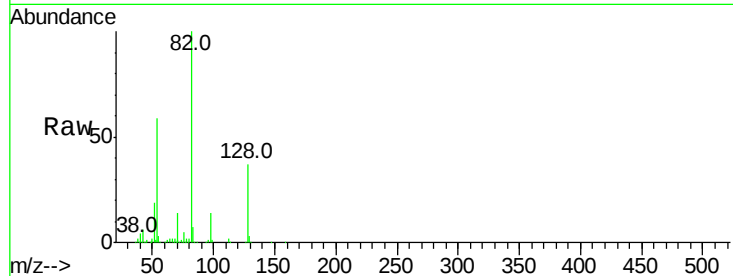




#19
n-Nitroso-di-n-propylamine
Concen: 19.054 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

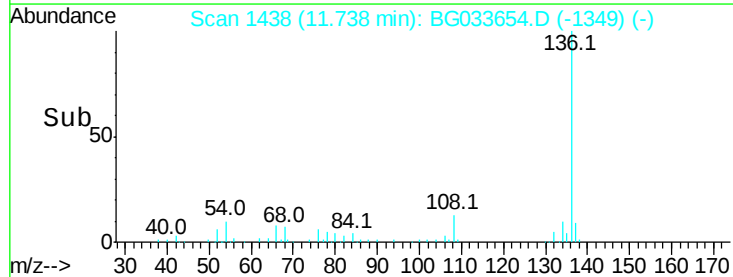
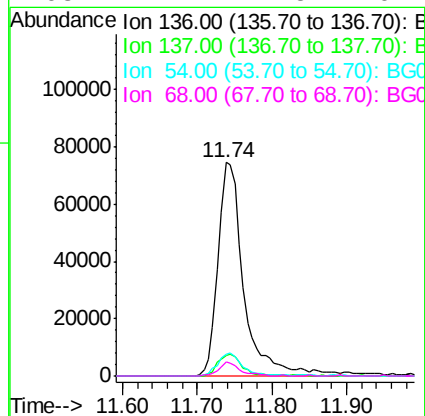
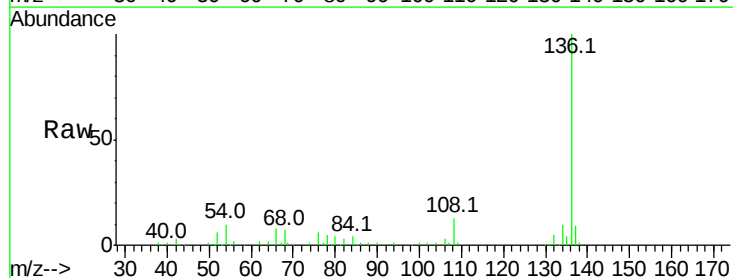
Instrument :
BNA_G
ClientSampleId :

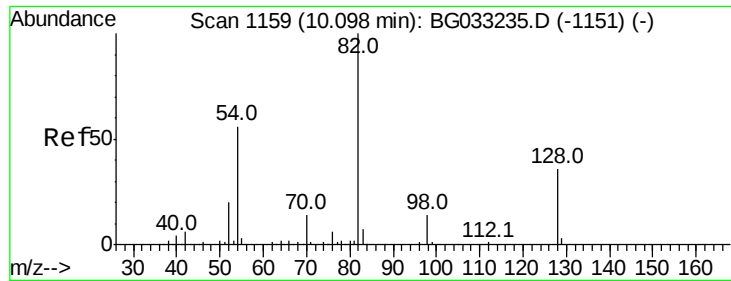
Tot Ion: 70 Resp: 46506
Ion Ratio Lower Upper
70 100
42 45.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion: 136 Resp: 179344
Ion Ratio Lower Upper
136 100
137 9.4 9.2 13.8
54 10.1 10.3 15.5#
68 7.2 4.5 6.7#

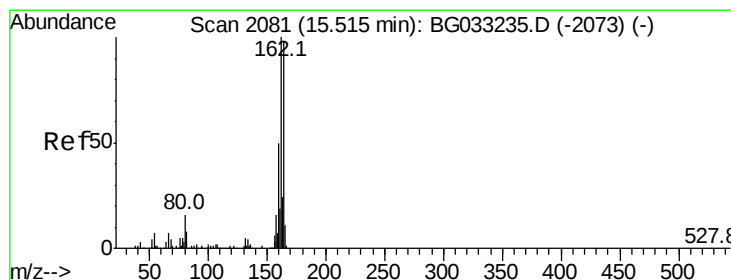
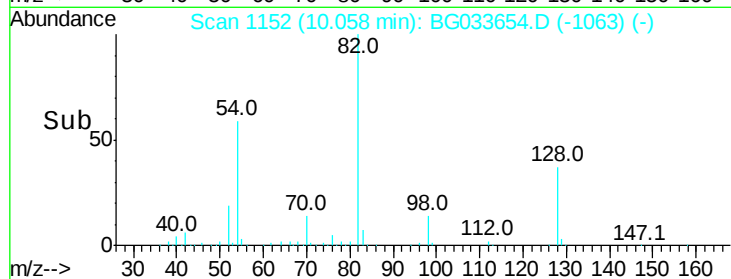
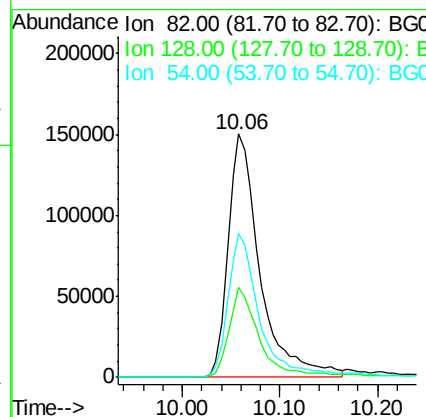
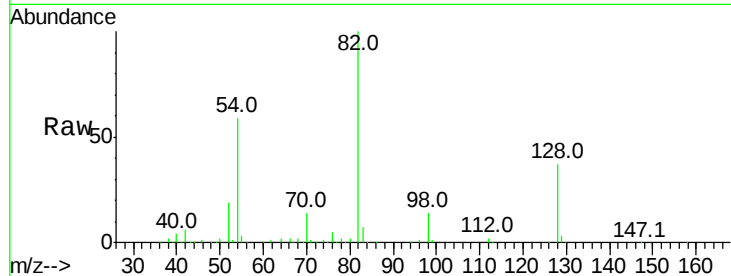




#23
 Nitrobenzene-d5
 Concen: 87.181 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

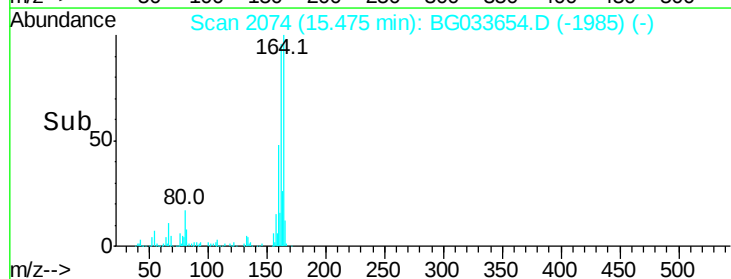
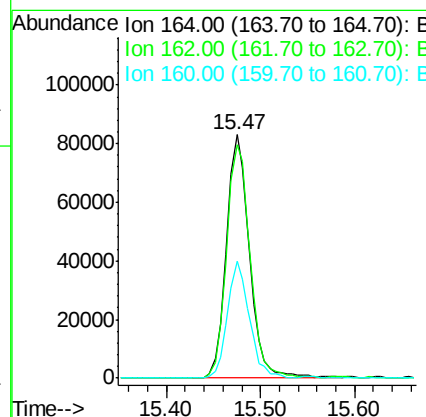
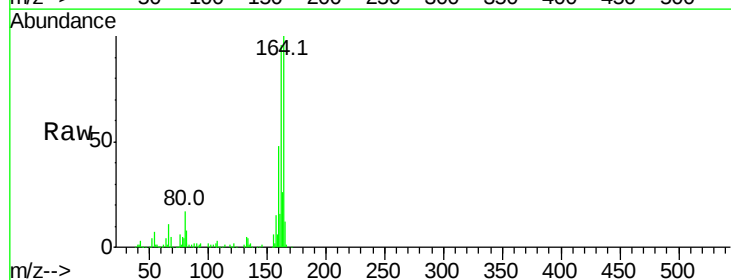
Instrument :
 BNA_G
 ClientSampleId :

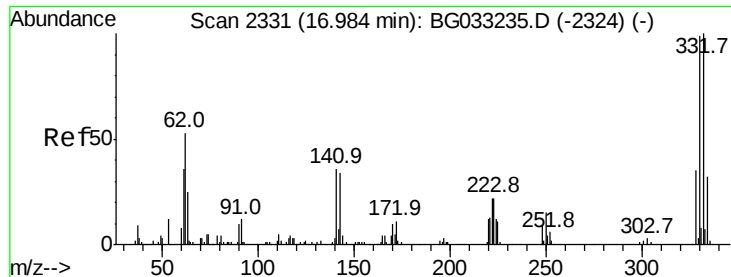
Tot Ion: 82 Resp: 340312
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.7 44.5
 54 59.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Tgt Ion:164 Resp: 142020
 Ion Ratio Lower Upper
 164 100
 162 95.9 78.8 118.2
 160 47.9 35.4 53.0

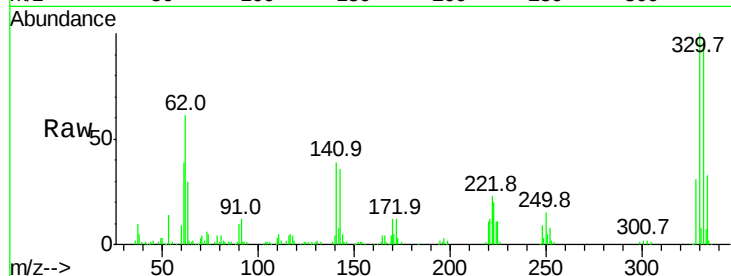




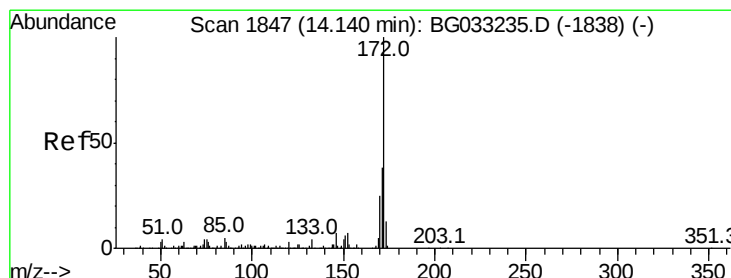
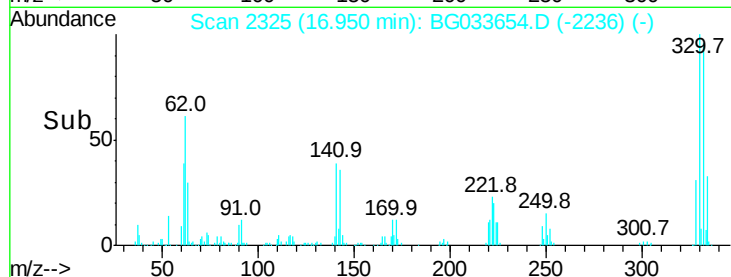
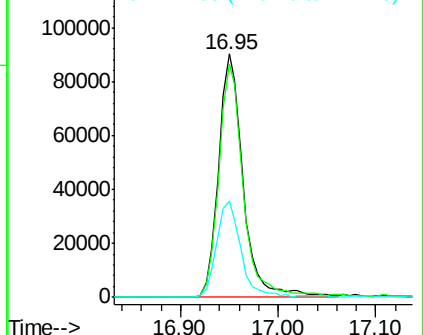
#41
 2,4,6-Tribromophenol
 Concen: 74.068 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 157327
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 39.4 25.2 37.8#

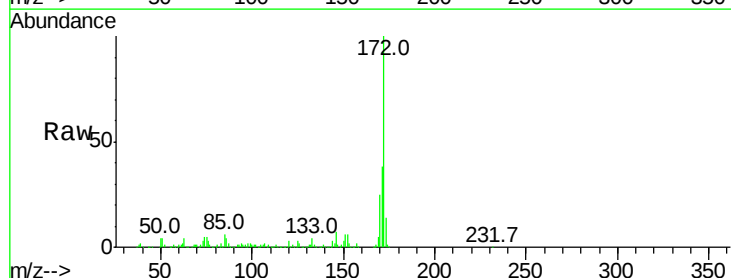


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

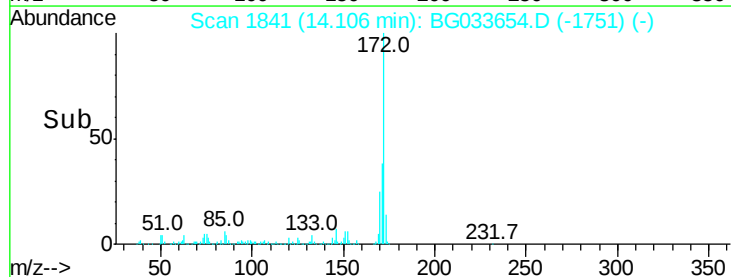
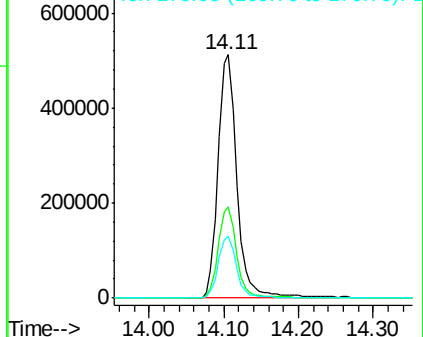


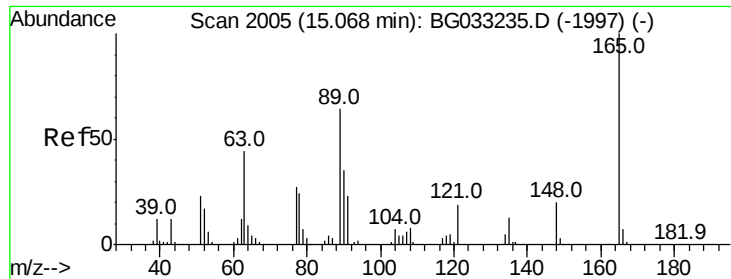
#44
 2-Fluorobiphenyl
 Concen: 91.686 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Tgt Ion:172 Resp: 901978
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

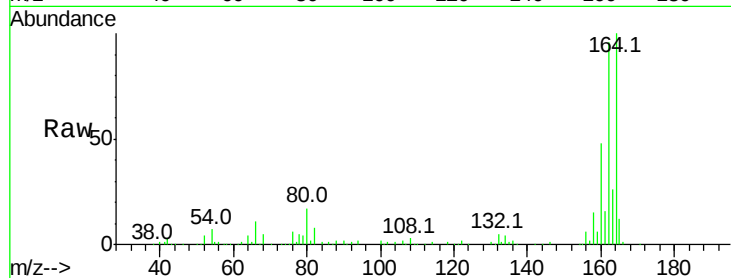




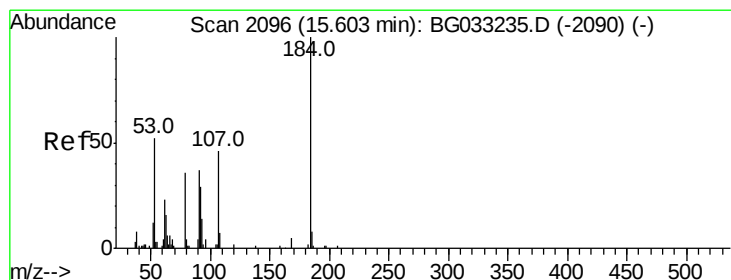
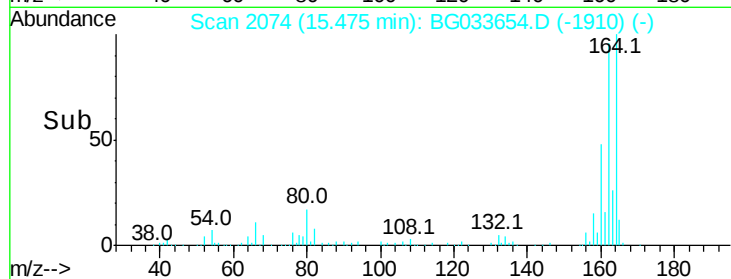
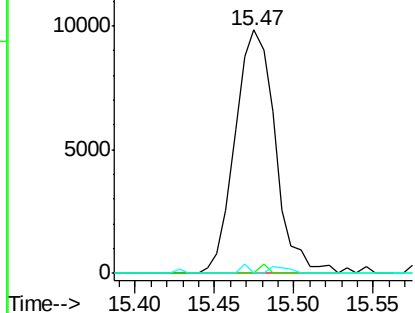
#50
 2,6-Dinitrotoluene
 Concen: 6.832 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17265
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

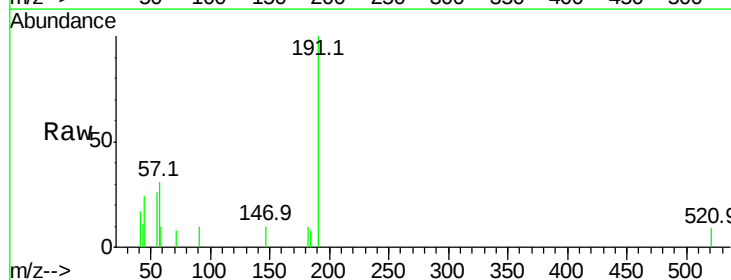


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

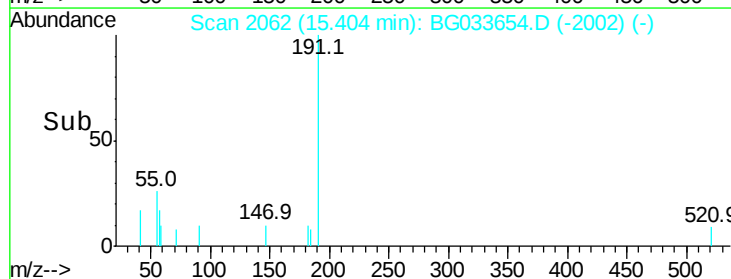
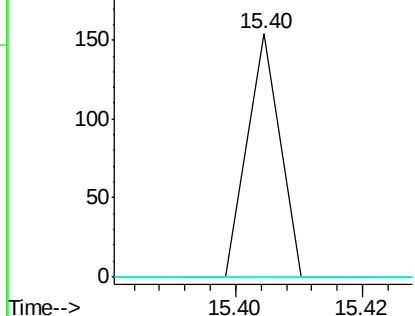


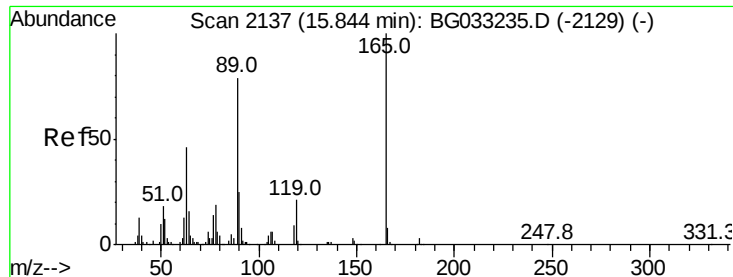
#53
 2,4-Dinitrophenol
 Concen: 7.680 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.17 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Tgt Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 4.640 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033654.D

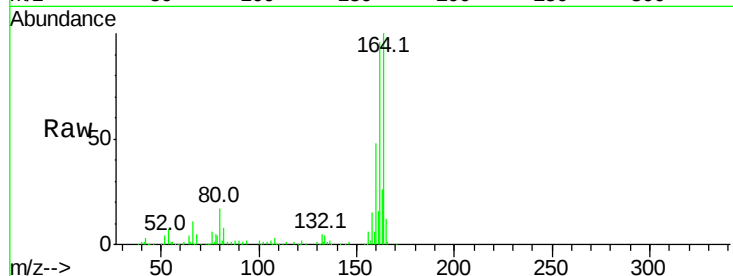
Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	17265
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

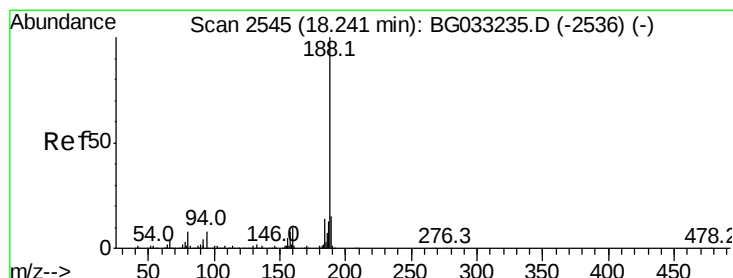
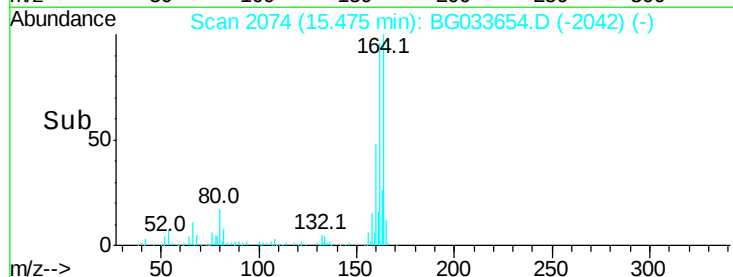
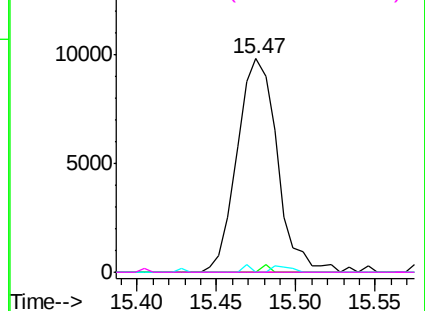


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

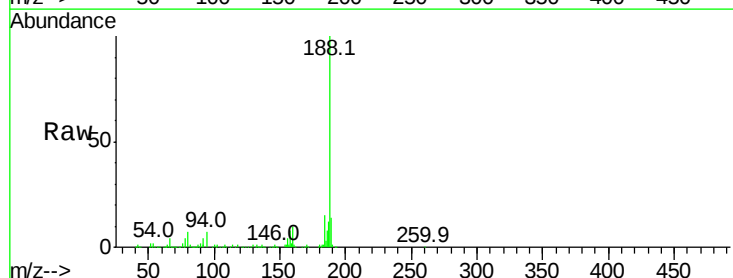
RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

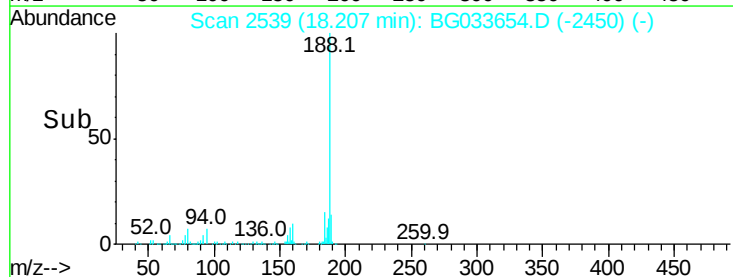
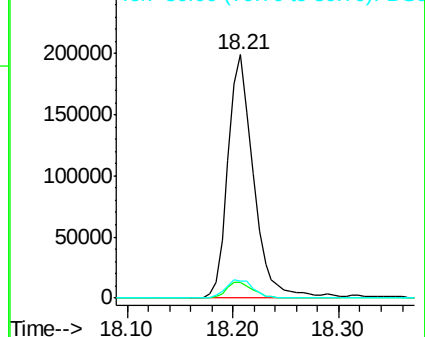
Tgt Ion:	188	Resp:	334931
Ion Ratio	Lower	Upper	
188	100		
94	6.7	6.9	10.3#
80	7.2	7.7	11.5#

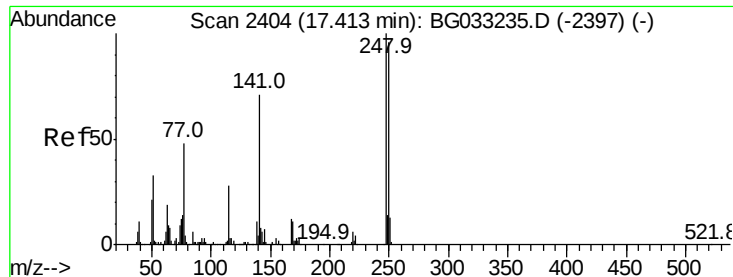


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

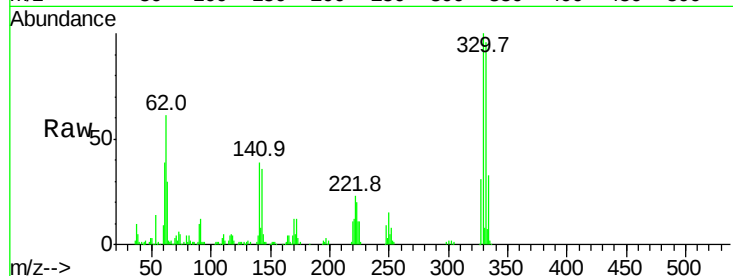




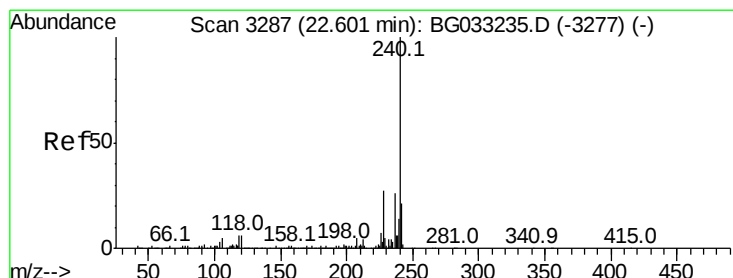
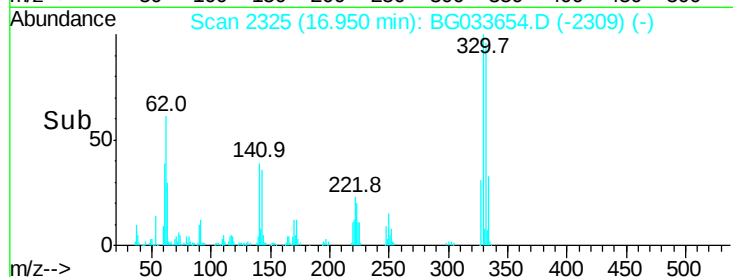
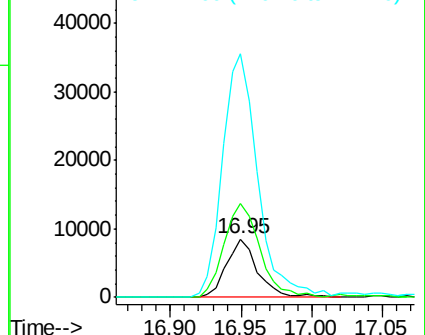
#66
4-Bromophenyl-phenylether
Concen: 3.334 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13114
Ion Ratio Lower Upper
248 100
250 160.0 77.1 115.7#
141 417.8 50.8 76.2#

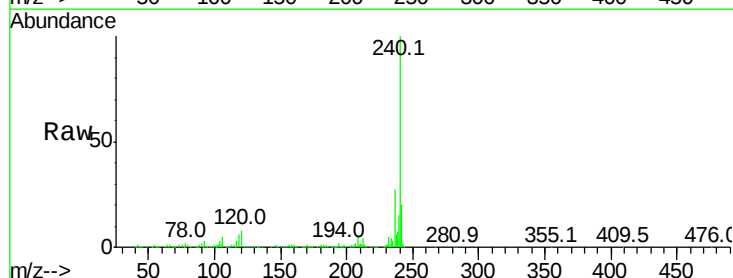


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

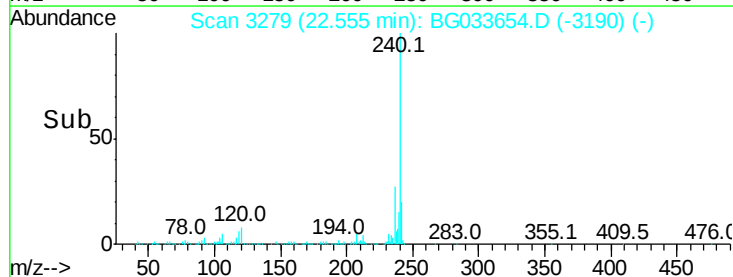
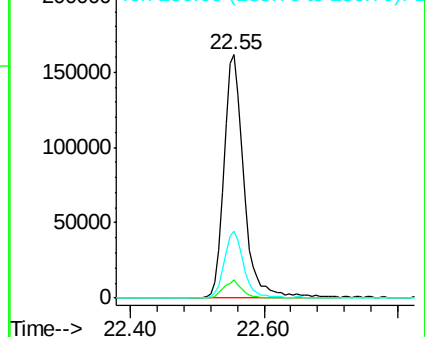


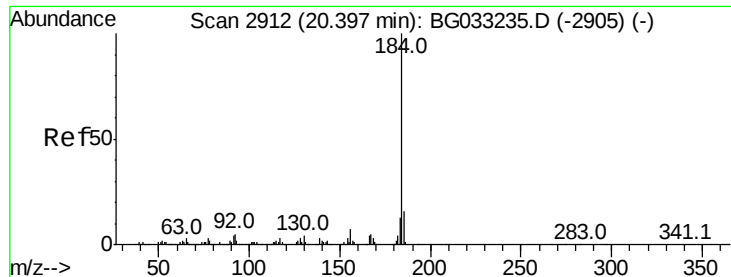
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033654.D
Acq: 7 Apr 2018 7:24

Tgt Ion:240 Resp: 342161
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.430 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

Instrument :

BNA_G

ClientSampleId :

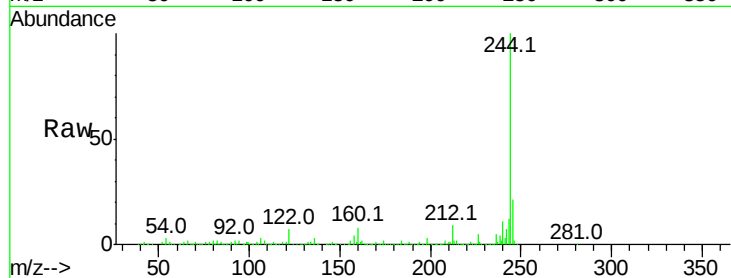
Tot Ion:184 Resp: 22551

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

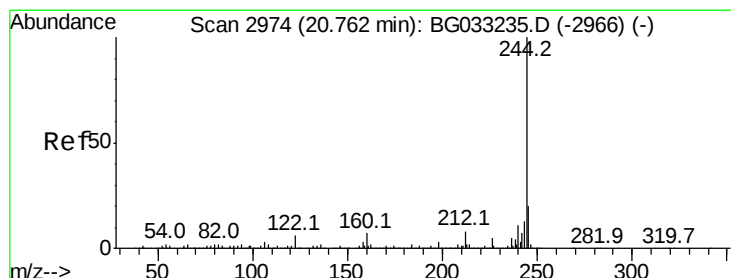
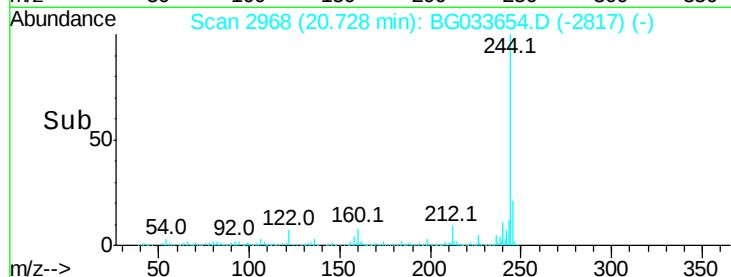
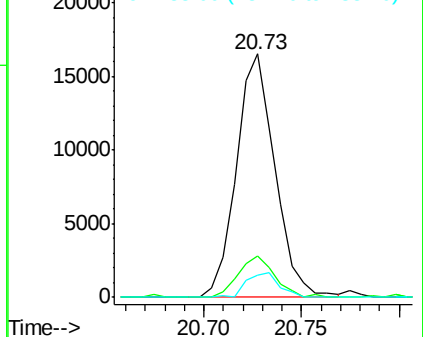
183 9.2 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 82.882 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033654.D

Acq: 7 Apr 2018 7:24

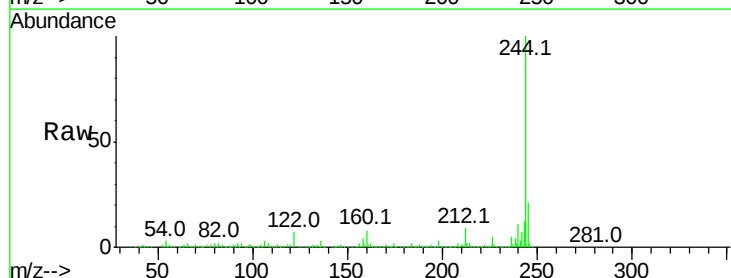
Tgt Ion:244 Resp: 1326054

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

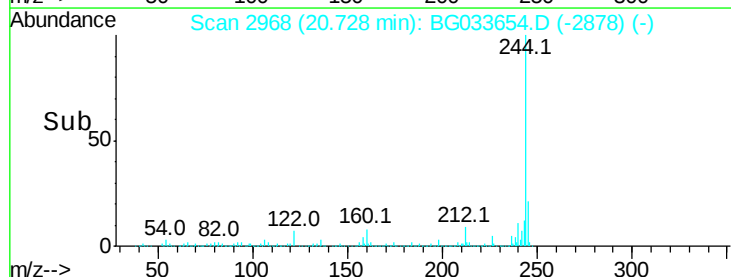
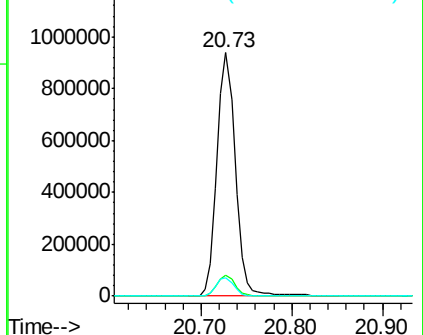
122 7.4 7.0 10.4

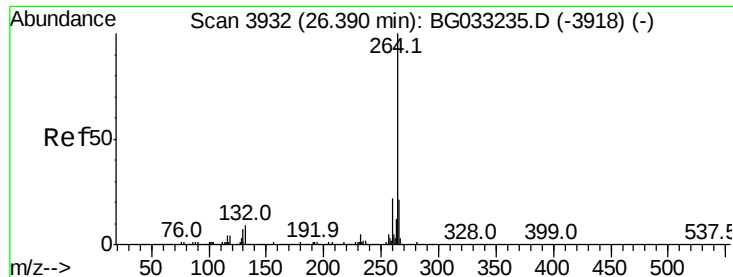


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033654.D
 Acq: 7 Apr 2018 7:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	19.4	17.7	26.5

